

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-03 15:36:18

Date of Next Testing: 2027-08-02 15:36:18

Product Name: [4-(3,6-Dimethyl-9H-carbazol-9-yl)butyl]phosphonic Acid (Me-4PACz)

CAS Number: 2747959-96-0

Specifications & Purity: $\geq 99\%$

Lot #: G2322496

SKU #: D494218

Version: 1

Analysis #: 253113

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.90000 %
Appearance(D494218)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
31P NMR spectrum	Conforms to structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager